

SN. 10/635,720

ATTORNEY DOCKET NO. MATS:027A

IN THE SPECIFICATION

*Page 1, replace the paragraph appearing in lines 13-19 with the following replacement paragraph:*

--The linear motor discussed above; however, has the following problems:

(1) The permanent magnet is fixed to the vibrator on its outer yoke side. The vibrator is thus positioned between the inner yoke having the coil and the permanent magnet. Thus a space between the inner yoke and the magnet becomes too wide. As a result, magnetic-flux-path incurs some loss. Further, the magnetic flux generated by the inner yoke changes greatly, so that eddy current is produced at a ~~supporter~~vibrator facing the inner yoke.--

*Page 12, replace the paragraph appearing in lines 8-9 with the following replacement paragraph:*

--Further, vibrator 6 is placed between ~~inner~~outer yoke ~~[[3]]~~4 and permanent magnets 5a, 5b, so that vibrator 6 is utilized as the back yoke.--

*Pages 13-14, replace the paragraph bridging these pages with the following replacement paragraph:*

--The structure discussed above magnetically shortens the space between outer yoke 34 and inner yoke 33 even if linear motor 31 includes only one coil 32. Thus efficient reciprocating motion can be expected. Further, vibrator 36 is placed between ~~inner~~outer yoke ~~[[33]]~~34 and permanent magnets 35, so that vibrator 36 is utilized as a back yoke.--